

Certificate of Mailing	
Date of Deposit <u>April 5, 2001</u>	Label Number: <u>EL509049565US</u>
I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.	
<u>Guy E. Beardsley</u> Printed name of person mailing correspondence	<u>Guy E. Beardsley</u> Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vassilis I. Zannis et al. Art Unit: Not Yet Assigned
Serial No.: Not Yet Assigned Examiner: Not Yet Assigned
Filed: April 5, 2001 Customer No.: 21559
Title: COMPOUNDS AND METHODS FOR LOWERING CHOLESTEROL
LEVELS WITHOUT INDUCING HYPERTRIGLYCERIDEMIA

Assistant Commissioner For Patents
Washington, DC 20231

SUBMISSION OF SEQUENCE STATEMENT

In order to complete the application, the applicant encloses:

- ☒ An initial paper copy of the sequence listing Applicant hereby requests that it be entered into the specification by insertion at the end of the application.
- ☒ An initial copy of the sequence listing in computer readable form.
- ☒ A statement that the contents of the paper and computer readable copies are the same and contain no new matter.

If there are any charges, or any credits, please apply them to Deposit Account

No. 03-2095.

Respectfully submitted,

Date:

April 5, 2001

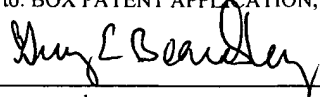
Paul T. Clark
Reg. No. 30,162

Clark & Elbing LLP
176 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045



21559
PATENT TRADEMARK OFFICE

0327854-040504

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Date of Deposit <u>April 5, 2001</u>	Label Number: <u>EL509049565US</u>
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<u>Guy E. Beardsley</u> Printed name of person mailing correspondence	 Signature of person mailing correspondence

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Applicant:	Vassilis I. Zannis et al.	Art Unit:	Not Yet Assigned
Serial No.:	Not Yet Assigned	Examiner:	Not Yet Assigned
Filed:	April 5, 2001	Customer No.:	21559

Title: COMPOUNDS AND METHODS FOR LOWERING CHOLESTEROL LEVELS WITHOUT INDUCING HYPERTRIGLYCERIDEMIA

Assistant Commissioner For Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. § 1.821

As part of the patent application filed herewith, enclosed is a sequence listing in accordance with the requirements of 37 C.F.R. §§ 1.821 through 1.825 and consisting of 14 pages.

As required by 37 C.F.R. § 1.821(c), the sequence listing appears as a separate part of the application and is found after the Combined Declaration and Power of Attorney. Each sequence in the application appears separately in the sequence listing. And each sequence in the sequence listing is assigned a separate sequence identifier.

As required by 37 C.F.R. § 1.821(d), the sequence identifiers are used throughout the application description and claims to refer to their respective sequences.

As required by 37 C.F.R. § 1.821(e), enclosed is a diskette containing a copy of the sequence listing in computer readable form.

09827854-040504

As required by 37 C.F.R. § 1.821(f), I hereby state that the contents of the computer readable form are the same as the contents of the paper copy.

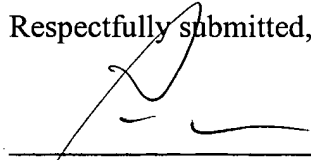
As required by 37 C.F.R. § 1.821(g), I hereby state that this submission contains no new matter.

If there are any charges, or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date:

April 5, 2001


Paul T. Clark
Reg. No. 30,162

Clark & Elbing LLP
176 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045

\\NTSERVER\documents\07180\07180.004003 Sequence Statement.wpd



21559
PATENT TRADEMARK OFFICE

SEQUENCE LISTING

<110> Zannis, Vassilis
Kypreos, Kyriakos E.

<120> Compounds and methods for lowering
cholesterol levels without inducing hypertriglyceridemia

<130> 07180/004003

<150> US 09/679,088

<151> 2000-10-04

<150> US 09/544,386

<151> 2000-04-06

<160> 19

<170> FastSEQ for Windows Version 4.0

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<212> PRT

<213> Homo sapiens

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ctggaggagc	aggcccagca	gatacgctg	caggccgagg	ccttcaggc	ccgcctcaag	900
agctggttcg	agcccctggt	ggaagacatg	cagcgccagt	gggcccggct	ggtggagaag	960
gtgcaggctg	ccgtgggcac	cagcgccgcc	cctgtgccca	gcgacaatca	ctgaacgccg	1020
aagcctgcag	ccatgcgacc	ccacgccacc	ccgtgcctcc	tgcctccgcg	cagcctgcag	1080
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<210> 10
 <211> 1156
 <212> DNA
 <213> Homo sapiens

<400> 10						
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gagcaagcgg	tggagacaga	gccggagccc	gagctgcgcc	agcagaccga	gtggcagagc	180
ggccagcgct	gggaactggc	actgggtcgc	ttttgggatt	acctgcgctg	ggtgcagaca	240
ctgtctgagc	aggtgcagga	ggagctgctc	agctcccagg	tcaccagga	actgagggcg	300
ctgatggacg	agaccatgaa	ggagttgaag	gcctacaaat	cggaaactgga	ggaacaactg	360
accccgggtg	cggaggagac	gcgggcacgg	ctgtccaagg	agctgcaggc	ggcgcaggcc	420
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caggccatgc	tcgaccagag	caccgaggag	ctgcgggtgc	gcctcgctc	ccacctgcgc	540
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ctggaggagc	aggcccagca	gatacgctg	caggccgagg	ccttcaggc	ccgcctcaag	900
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aagcctgcag	ccatgcgacc	ccacgccacc	ccgtgcctcc	tgcctccgcg	cagcctgcag	1080
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<210> 11
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 <212> DNA
 <213> Homo sapiens

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 gagcaagcgg tggagacaga gccggagccc gagctgcgcc agcagaccga gtggcagagc 180
 ggccagcgct gggaaactggc actgggtcgc ttttgggatt acctgcgctg ggtgcagaca 240
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 ctgatggacg agaccatgaa ggagttgaag gcctacaaat cggaactgga ggaacaactg 360
 accccggtgg cggaggagac gcgggcacgg ctgtccaagg agctgcaggc ggcgaggcc 420
 cggctgggcg cggacatgga ggacgtgtgc ggccgcctgg tgcagtaccg cggcgagggtg 480
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 aagctgtgta agcggctcct ccgcgatgcc gatgacctgc agaagcgctt ggcagtgtac 600
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 cccctggtgg aacaggggccg cgtgcggggc gccactgtgg gctccctggc cggccagccg 720
 ctacaggagc gggcccaggc ctggggcgag cggctgcgcg cgcgatgga ggagatgggc 780
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 gtgcaggctg ccgtgggcac cagcgccgcc cctgtgccc gcgacaatca ctgaacgccg 1020
 aagcctgcag ccatgcgacc ccacgccacc ccgtgcctc tgctccgcg cagcctgcag 1080
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 tcaccaagtt tcacgc 1156

<210> 12
 <211> 1156
 <212> DNA
 <213> Homo sapiens

<400> 12
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 gagcaagcgg tggagacaga gccggagccc gagctgcgcc agcagaccga gtggcagagc 180
 ggccagcgct gggaaactggc actgggtcgc ttttgggatt acctgcgctg ggtgcagaca 240
 ctgtctgagc aggtgcagga ggagctgctc agctcccagg tcaccagga actgagggcg 300
 ctgatggacg agaccatgaa ggagttgaag gcctacaaat cggaactgga ggaacaactg 360
 accccggtgg cggaggagac gcgggcacgg ctgtccaagg agctgcaggc ggcgaggcc 420
 cggctgggcg cggacatgga ggacgtgtgc ggccgcctgg tgcagtaccg cggcgagggtg 480
 caggccatgc tcggccagag caccgaggag ctgctgggtgc gcctgcctc ccacctgcgc 540
 aagctgcgct agcggctcct ccgcgatgcc gatgacctgc agaagcgctt ggcagtgtac 600
 caggccggggg cccgcgaggg cgccgagcgc ggccctcagc ccatccgcga gcgcctgggg 660
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 agccggaccc gcgaccgcct ggacgaggtg aaggagcagg tggcgagggt gcgcgccaag 840
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 aagcctgcag ccatgcgacc ccacgccacc ccgtgcctc tgctccgcg cagcctgcag 1080
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<210> 13
 <211> 18
 <212> PRT
 <213> Homo sapiens

092745L 060501Z

Gln Ala

<211> 317

<213> Homo sapiens

Met 1	Lys	Val	Leu	Trp 5	Ala	Ala	Leu	Leu	Val 10	Thr	Phe	Leu	Ala	Gly 15	Cys
Gln	Ala	Lys	Val 20	Glu	Gln	Ala	Val	Glu 25	Thr	Glu	Pro	Glu	Pro 30	Glu	Leu
Arg	Gln	Gln 35	Thr	Glu	Trp	Gln	Ser 40	Gly	Gln	Arg	Trp	Glu 45	Leu	Ala	Leu
Gly	Arg 50	Phe	Trp	Asp	Tyr	Leu 55	Arg	Trp	Val	Gln	Thr 60	Leu	Ser	Glu	Gln
Val 65	Gln	Glu	Glu	Leu	Leu 70	Ser	Ser	Gln	Val	Thr 75	Gln	Glu	Leu	Arg	Ala 80
Leu	Met	Asp	Glu	Thr 85	Met	Lys	Glu	Leu	Lys 90	Ala	Tyr	Lys	Ser 95	Glu	Leu
Glu	Glu	Gln	Leu 100	Thr	Pro	Val	Ala	Glu 105	Glu	Thr	Arg	Ala	Arg 110	Leu	Ser
Lys	Glu	Leu 115	Gln	Ala	Ala	Gln	Ala 120	Arg	Leu	Gly	Ala	Asp 125	Met	Glu	Asp
Val	Arg 130	Gly	Arg	Leu	Val	Gln 135	Tyr	Arg	Gly	Glu	Val 140	Gln	Ala	Met	Leu
Gly 145	Gln	Ser	Thr	Glu	Glu 150	Leu	Arg	Val	Arg	Leu 155	Ala	Ser	His	Leu	Arg 160
Lys	Leu	Arg	Lys	Arg 165	Leu	Leu	Arg	Asp	Ala 170	Asp	Asp	Leu	Gln	Lys 175	Arg
Leu	Ala	Val 180	Tyr	Gln	Ala	Gly	Ala 185	Arg	Glu	Gly	Ala	Glu	Arg 190	Gly	Leu
Ser	Ala	Ile 195	Arg	Glu	Arg	Leu	Gly 200	Pro	Leu	Val	Glu	Gln 205	Gly	Arg	Val
Arg	Ala 210	Ala	Thr	Val	Gly	Ser 215	Leu	Ala	Gly	Gln	Pro 220	Leu	Gln	Glu	Arg
Ala 225	Gln	Ala	Trp	Gly	Glu 230	Arg	Leu	Arg	Ala	Arg 235	Met	Glu	Glu	Met	Gly 240
Ser	Arg	Thr	Arg	Asp 245	Arg	Leu	Asp	Glu	Val 250	Lys	Glu	Gln	Val	Ala 255	Glu
Val	Arg	Ala 260	Lys	Leu	Glu	Glu	Gln 265	Ala	Gln	Gln	Ile	Arg	Leu 270	Gln	Ala
Glu	Ala 275	Phe	Gln	Ala	Arg	Leu	Lys 280	Ser	Trp	Phe	Glu	Pro 285	Leu	Val	Glu
Asp	Met 290	Gln	Arg	Gln	Trp	Ala 295	Gly	Leu	Val	Glu	Lys 300	Val	Gln	Ala	Ala
Val 305	Gly	Thr	Ser	Ala	Ala 310	Pro	Val	Pro	Ser	Asp 315	Asn	His			

<211> 317

<212> PRT

<213> Homo sapiens

<400> 15

Met	Lys	Val	Leu	Trp	Ala	Ala	Leu	Leu	Val	Thr	Phe	Leu	Ala	Gly	Cys
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Gln	Ala	Lys	Val	Glu	Gln	Ala	Val	Glu	Thr	Glu	Pro	Glu	Pro	Glu	Leu
			20					25					30		
Arg	Gln	Gln	Thr	Glu	Trp	Gln	Ser	Gly	Gln	Arg	Trp	Glu	Leu	Ala	Leu
			35				40					45			
Gly	Arg	Phe	Trp	Asp	Tyr	Leu	Arg	Trp	Val	Gln	Thr	Leu	Ser	Glu	Gln
	50					55					60				
Val	Gln	Glu	Glu	Leu	Leu	Ser	Ser	Gln	Val	Thr	Gln	Glu	Leu	Arg	Ala
65					70					75					80
Leu	Met	Asp	Glu	Thr	Met	Lys	Glu	Leu	Lys	Ala	Tyr	Lys	Ser	Glu	Leu
				85					90					95	
Glu	Glu	Gln	Leu	Thr	Pro	Val	Ala	Glu	Glu	Thr	Arg	Ala	Arg	Leu	Ser
			100					105					110		
Lys	Glu	Leu	Gln	Ala	Ala	Gln	Ala	Arg	Leu	Gly	Ala	Asp	Met	Glu	Asp
			115				120					125			
Val	Cys	Gly	Arg	Leu	Val	Gln	Tyr	Arg	Gly	Glu	Val	Gln	Ala	Met	Leu
	130					135					140				
Gly	Gln	Ser	Thr	Glu	Glu	Leu	Arg	Val	Arg	Leu	Ala	Ser	His	Leu	Arg
145					150					155					160
Lys	Leu	Arg	Lys	Arg	Leu	Leu	Arg	Asp	Ala	Asp	Asp	Leu	Gln	Lys	Arg
				165					170					175	
Leu	Ala	Val	Tyr	Gln	Ala	Gly	Ala	Arg	Glu	Gly	Ala	Glu	Arg	Gly	Leu
			180					185					190		
Ser	Ala	Ile	Arg	Glu	Arg	Leu	Gly	Pro	Leu	Val	Glu	Gln	Gly	Arg	Val
			195				200						205		
Arg	Ala	Ala	Thr	Val	Gly	Ser	Leu	Ala	Gly	Gln	Pro	Leu	Gln	Glu	Arg
	210					215					220				
Ala	Gln	Ala	Trp	Gly	Glu	Arg	Leu	Arg	Ala	Arg	Met	Glu	Glu	Met	Gly
225					230						235				240
Ser	Arg	Thr	Arg	Asp	Arg	Leu	Asp	Glu	Val	Lys	Glu	Gln	Val	Ala	Glu
				245					250					255	
Val	Arg	Ala	Lys	Leu	Glu	Glu	Gln	Ala	Gln	Gln	Ile	Arg	Leu	Gln	Ala
			260					265					270		
Glu	Ala	Phe	Gln	Ala	Arg	Leu	Lys	Ser	Trp	Phe	Glu	Pro	Leu	Val	Glu
		275					280					285			
Asp	Met	Gln	Arg	Gln	Trp	Ala	Gly	Leu	Val	Glu	Lys	Val	Gln	Ala	Ala
	290					295					300				
Val	Gly	Thr	Ser	Ala	Ala	Pro	Val	Pro	Ser	Asp	Asn	His			
305					310						315				

<210> 16

<211> 317

<212> PRT

<213> Homo sapiens

<400> 16

Met	Lys	Val	Leu	Trp	Ala	Ala	Leu	Leu	Val	Thr	Phe	Leu	Ala	Gly	Cys
1				5					10					15	
Gln	Ala	Lys	Val	Glu	Gln	Ala	Val	Glu	Thr	Glu	Pro	Glu	Pro	Glu	Leu
			20					25					30		
Arg	Gln	Gln	Thr	Glu	Trp	Gln	Ser	Gly	Gln	Arg	Trp	Glu	Leu	Ala	Leu
			35				40					45			
Gly	Arg	Phe	Trp	Asp	Tyr	Leu	Arg	Trp	Val	Gln	Thr	Leu	Ser	Glu	Gln

50	55	60																	
Val	Gln	Glu	Glu	Leu	Leu	Ser	Ser	Gln	Val	Thr	Gln	Glu	Leu	Arg	Ala				
65					70					75					80				
Leu	Met	Asp	Glu	Thr	Met	Lys	Glu	Leu	Lys	Ala	Tyr	Lys	Ser	Glu	Leu				
				85					90					95					
Glu	Glu	Gln	Leu	Thr	Pro	Val	Ala	Glu	Glu	Thr	Arg	Ala	Arg	Leu	Ser				
			100					105					110						
Lys	Glu	Leu	Gln	Ala	Ala	Gln	Ala	Arg	Leu	Gly	Ala	Asp	Met	Glu	Asp				
		115					120					125							
Val	Cys	Gly	Arg	Leu	Val	Gln	Tyr	Arg	Gly	Glu	Val	Gln	Ala	Met	Leu				
130						135					140								
Gly	Gln	Ser	Thr	Glu	Glu	Leu	Arg	Val	Arg	Leu	Ala	Ser	His	Leu	Arg				
145					150					155					160				
Lys	Leu	Arg	Lys	Arg	Leu	Leu	Arg	Asp	Ala	Asp	Asp	Leu	Gln	Lys	Cys				
			165						170					175					
Leu	Ala	Val	Tyr	Gln	Ala	Gly	Ala	Arg	Glu	Gly	Ala	Glu	Arg	Gly	Leu				
		180					185						190						
Ser	Ala	Ile	Arg	Glu	Arg	Leu	Gly	Pro	Leu	Val	Glu	Gln	Gly	Arg	Val				
195							200					205							
Arg	Ala	Ala	Thr	Val	Gly	Ser	Leu	Ala	Gly	Gln	Pro	Leu	Gln	Glu	Arg				
210					215						220								
Ala	Gln	Ala	Trp	Gly	Glu	Arg	Leu	Arg	Ala	Arg	Met	Glu	Glu	Met	Gly				
225				230					235					240					
Ser	Arg	Thr	Arg	Asp	Arg	Leu	Asp	Glu	Val	Lys	Glu	Gln	Val	Ala	Glu				
			245						250					255					
Val	Arg	Ala	Lys	Leu	Glu	Glu	Gln	Ala	Gln	Gln	Ile	Arg	Leu	Gln	Ala				
		260					265						270						
Glu	Ala	Phe	Gln	Ala	Arg	Leu	Lys	Ser	Trp	Phe	Glu	Pro	Leu	Val	Glu				
	275						280					285							
Asp	Met	Gln	Arg	Gln	Trp	Ala	Gly	Leu	Val	Glu	Lys	Val	Gln	Ala	Ala				
290					295						300								
Val	Gly	Thr	Ser	Ala	Ala	Pro	Val	Pro	Ser	Asp	Asn	His							
305				310						315									

<210> 17
 <211> 317
 <212> PRT
 <213> Homo sapiens

<400> 17

Met	Lys	Val	Leu	Trp	Ala	Ala	Leu	Leu	Val	Thr	Phe	Leu	Ala	Gly	Cys
1			5						10					15	
Gln	Ala	Lys	Val	Glu	Gln	Ala	Val	Glu	Thr	Glu	Pro	Glu	Pro	Glu	Leu
		20						25					30		
Arg	Gln	Gln	Thr	Glu	Trp	Gln	Ser	Gly	Gln	Arg	Trp	Glu	Leu	Ala	Leu
	35					40						45			
Gly	Arg	Phe	Trp	Asp	Tyr	Leu	Arg	Trp	Val	Gln	Thr	Leu	Ser	Glu	Gln
50					55					60					
Val	Gln	Glu	Glu	Leu	Leu	Ser	Ser	Gln	Val	Thr	Gln	Glu	Leu	Arg	Ala
65				70					75					80	
Leu	Met	Asp	Glu	Thr	Met	Lys	Glu	Leu	Lys	Ala	Tyr	Lys	Ser	Glu	Leu
			85					90					95		
Glu	Glu	Gln	Leu	Thr	Pro	Val	Ala	Glu	Glu	Thr	Arg	Ala	Arg	Leu	Ser
		100					105					110			
Lys	Glu	Leu	Gln	Ala	Ala	Gln	Ala	Arg	Leu	Gly	Ala	Asp	Met	Glu	Asp
	115					120					125				
Val	Cys	Gly	Arg	Leu	Val	Gln	Tyr	Arg	Gly	Glu	Val	Gln	Ala	Met	Leu

130	135	140
Asp Gln Ser Thr Glu	Glu Leu Arg Val Arg	Leu Ala Ser His Leu Arg
145	150	155
Lys Leu Arg Lys Arg	Leu Leu Arg Asp Ala	Asp Asp Leu Gln Lys Cys
165	170	175
Leu Ala Val Tyr Gln	Ala Gly Ala Arg	Glu Gly Ala Glu Arg Gly Leu
180	185	190
Ser Ala Ile Arg Glu	Arg Leu Gly Pro Leu	Val Glu Gln Gly Arg Val
195	200	205
Arg Ala Ala Thr Val	Gly Ser Leu Ala Gly	Gln Pro Leu Gln Glu Arg
210	215	220
Ala Gln Ala Trp Gly	Glu Arg Leu Arg Ala	Arg Met Glu Glu Met Gly
225	230	235
Ser Arg Thr Arg Asp	Arg Leu Asp Glu Val	Lys Glu Gln Val Ala Glu
245	250	255
Val Arg Ala Lys Leu	Glu Glu Gln Ala Gln	Gln Ile Arg Leu Gln Ala
260	265	270
Glu Ala Phe Gln Ala	Arg Leu Lys Ser Trp	Phe Glu Pro Leu Val Glu
275	280	285
Asp Met Gln Arg Gln	Trp Ala Gly Leu Val	Glu Lys Val Gln Ala Ala
290	295	300
Val Gly Thr Ser Ala	Ala Pro Val Pro Ser	Asp Asn His
305	310	315

<210> 18
 <211> 317
 <212> PRT
 <213> Homo sapiens

<400> 18

Met Lys Val Leu Trp	Ala Ala Leu Leu	Val Thr Phe Leu	Ala Gly Cys
1	5	10	15
Gln Ala Lys Val Glu	Gln Ala Val Glu	Thr Glu Pro Glu	Pro Glu Leu
20	25	30	
Arg Gln Gln Thr Glu	Trp Gln Ser Gly	Gln Arg Trp Glu	Leu Ala Leu
35	40	45	
Gly Arg Phe Trp Asp	Tyr Leu Arg Trp	Val Gln Thr Leu	Ser Glu Gln
50	55	60	
Val Gln Glu Glu Leu	Leu Ser Ser Gln	Val Thr Gln Glu	Leu Arg Ala
65	70	75	80
Leu Met Asp Glu Thr	Met Lys Glu Leu	Lys Ala Tyr Lys	Ser Glu Leu
85	90	95	
Glu Glu Gln Leu Thr	Pro Val Ala Glu	Glu Thr Arg Ala	Arg Leu Ser
100	105	110	
Lys Glu Leu Gln Ala	Ala Gln Ala Arg	Leu Gly Ala Asp	Met Glu Asp
115	120	125	
Val Cys Gly Arg Leu	Val Gln Tyr Arg	Gly Glu Val Gln	Ala Met Leu
130	135	140	
Gly Gln Ser Thr Glu	Glu Leu Arg Val Arg	Leu Ala Ser His	Leu Arg
145	150	155	160
Lys Leu Cys Lys Arg	Leu Leu Arg Asp	Ala Asp Asp Leu	Gln Lys Arg
165	170	175	
Leu Ala Val Tyr Gln	Ala Gly Ala Arg	Glu Gly Ala Glu	Arg Gly Leu
180	185	190	
Ser Ala Ile Arg Glu	Arg Leu Gly Pro	Leu Val Glu Gln	Gly Arg Val
195	200	205	
Arg Ala Ala Thr Val	Gly Ser Leu Ala	Gly Gln Pro Leu	Gln Glu Arg

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